## ABSTRACT OF THE DISCLOSURE

A heat-sensitive recording material and a recording process. The heat-sensitive recording material is excellent in head-matching property and has a good coating surface without coating failure. The heat-sensitive recording material has, on a support, a heat-sensitive recording layer, a protective layer and other layers as necessary. The protective layer contains a specific aliphatic compound derivative having at least a -CONH- structure and/or a water-soluble polymer having a specific repeating unit.